App No.: Not Yet Assigned Docket No.: 529452002500
Inventor: David W. MORRIS and Marc S. MALANDRO
Title: NOVEL THERAPEUTIC TARGETS IN CANCER

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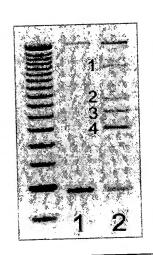


Figure 1

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Inventor: David W. MORRIS and Marc S. MALANDRO
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## Figure 2.

### Average Ct

### Sample

Human Genomic\_clontech Malignant mammary adenocarcinoma pleural effusion Mammary ductal carcinoma plueral effusion Mammary ductal carcinoma\_human\_45537 Mammary ductal carcinoma\_human\_45523 Mammary ductal carcinoma\_human\_45535 transformed primary embryonal kidney\_human

## Housekeeper Target

_	
23,40229767	24.718297
24.57459367	25.62105175
23.935565	25.064095
24.06496275	24.8361145
24.286542	25.59857167
24.271219	25.62112767
	25.86051867
24.136573	25.86031807

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Figure 3.

# Target Normalized with Housekeeper

#### Sample

Human Genomic\_clontech (Calibrator)
Malignant mammary adenocarcinoma pleural effusion
Mammary ductal carcinoma plueral effusion
Mammary ductal carcinoma\_human \_45537
Mammary ductal carcinoma\_human\_45523
Mammary ductal carcinoma\_human\_45535
transformed primary embryonal kidney\_human

ΔCt	Stdev (△Ct)

1.69	0.22	_
-1.85	0.14	
1.12	0.24	_
1.02	0.16	
0.49	0.26	
1.03	0.18	
1.81	0.15	

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Stdev

Comparative

expression

## Figure 4.

Stdev

## Target Normalized with Housekeeper

Sample
Human Genomic_clontech (Calibrator)
Malignant mammary adenocarcinoma pleural
effusion
Mammary ductal carcinoma plueral effusion
Mammary ductal carcinoma_human _45537
Mammary ductal carcinoma_human_45523
Mammary ductal carcinoma_human_45535

transformed primary embryonal

kidney\_human

ΔCt	(∆Ct)	ΔΔCt	(∆∆Ct)	level
1.69	0.22	0	0.22	1
-1.85	0.14	-3.54	0.14	11.60
1.12	0.24	-0.57	0.24	1.48
1.02	0.16	-0.67	0.16	1.59
0.49	0.26	-1.20	0.26	2.30
1.03	0.18	-0.66	0.18	1.58
1.81	0.15	0.12	0.15	0.92